CENTRAL INTELLIGENCE AGENCY

INFORMATION REPORT

REPORT

CD NO.

COUNTRY Germany (Russian Zone) CONFIDENTIAL

DATE DISTR. 24 JAN 51

SUBJECT Production and Projected Research at the Oberspreewerke

NO. OF PAGES 2

PLACE ACQUIRED

NO. OF ENCLS. (LISTED BELOW)

DATE OF INFO.

SUPPLEMENT TO REPORT NO.

50X1-HUM

THIS IS UNEVALUATED INFORMATION

50X1-HUM

1. Since 1 January 1950, the Oberspreewerke has had to contribute 120,000 DM monthly to SAG "Kabel" headquarters for administrative costs. Previously the sum was 60,000 DM monthly.

2. In January 1950, the Russians ordered the development of a cold-cathode oscillograph (in which the electrons originate in a gas discharge). Dr. Hachenberg did not wish to accept this order and replied that it would cost 600,000 DM. The Russians agreed to this high cost, and ordered work to proceed on the project.

3. An order for about 50,000 tubes was received from the Russians in June 1950. Most were 6 AC 7 and 6 AG 7, but also included were 200 Type 5 D 21, 250 Type LD 9, 200 Type LD 11 and 300 Type LD 12. A clause in the contract enforces penalties if the order is not completed by 20 November 1950. Some 30,000 6 AC 7 and 6 AG 7 tubes are in stock at the factory and an additional 15,000 have been returned as not needed by the Sachsenwerk Radenberg. The Russians have fixed the reparations price of these tubes at 17.50 DM, although manufacturing costs are 22 DM, and the normal sale price is 32 DM.

50X1-HUM

4. Thirty Type SA 102 tubes were ordered by the Russians in November 1949. The factory hoped to save itself trouble and bought them from a firm. However, only 15 of these tubes met the specifications, and the factory was compelled to manufacture 15. The 30 tubes and a complete set of tools for the manufacture of this type were sent to the USSR in February 1950.

5. The factory has agreed to deliver type 829 B tubes to the RFT Central Research Laboratory, Berlin-Koepenick. From June on 20 per month will be manufactured. Ten of these tubes are also to be delivered to the Heinrich Hertz Institute, Berlin-Adlershof, which claims to be building, under the direction of Prof. Schachenmeyer, 3 VHF sets for stratosphere research, in which the tubes would be used. The three stations would be at Adlershof,

CLASSIFICATION SECRET CONTROL - U. S. OFFICIALS ONLY

STATE	X	NAVY	X	NSRB
ARMY	X	AIR	X	FBI

DISTRIBUTION

50X1-HUM

Golm (south of Zossen) and an unspecified place in Mecklenberg.

6. The Sachsenwerk, Radeberg, has been pressing the factory for a speed-up of 3 months in the delivery of the LD 9, LD 11, and LD 12 tubes ordered.

7. The following research projects are planned for the third quarter of 1950. Approval of the SKK is being awaited.

Subject	Estimated Cost (1000 DM)	Person in charge of proje
Development of a television transmitter	220	Dr. Bruckmann Hertwig
Development of a super iconoscope for television cameras	95	Dr. Eckhart
Development of suitable directional connecting equipment for broad-band transmission up to 12 megacycles	145	Dr. Bruckmann Krischke
Development of a television transmitter tube for a frequency range of 2.. 10 m. with a minimum power output of 5 kw	80	Siupka Schoefer
Iconoscope-stroboscope for light and x-ray stroboscopy	60	Dr. Bruckmann Palitsch
Transmitter for electromedical purposes in cm wave range	70	50X1-HUM Siupka
Development of a high performance tube for fine structure research	150	Dr. Eckart
High-frequency oscillograph	35	Dr. Bruckmann Palitsch
Further development of the high performance oscillograph (50,000 km/sec. writing speed)	75	Dr. Bruckmann Palitsch
Development of a television scanning set for still pictures	55	Dr. Bruckmann Hertwig
Development of a television camera with a super iconoscope	35	Dr. Bruckmann Hertwig

8. It was stated at a recent meeting of the Advisory Council for Tube Manufacture of the Ministry for industry that the main shortages were:

a. Cathode Paste (A plant is to be constructed in Erfurt).
b. Very pure nickel (A Dr. Richter is to cope with this problem).
c. P.N. and P.2. iron (Foil, one side of which is Fe and the other Ni or Al).